

## SEQUENCE LISTING

<110> Adang, Michael J  
Kasman, Laura M

<120> Phage Display of the Biologically Active Bacillus thuringiensis Toxin

<130> UGR-100XD1

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<141> 2004-04-19

<150> US 09/629,596

<151> 2000-07-31

<150> US 60/146,646

<151> 1999-07-30

<160> 14

<170> PatentIn version 3.1

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atggataaca atccgaacat caatgaatgc 90

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Met Asp Asn Asn Pro Asn Ile  
1 5

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Arg	Phe	Glu	Phe	Ile	Pro	Val	Thr	Ala	Thr	Leu	Glu
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<223> Part of signal sequence

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<222> (5)..(8)

<223> Junction between signal sequence and C-terminus of synthetic Cry1Ac

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<222> (1)..(8)

<223> N-terminal sequence of synthetic Cry1Ac

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<223> Junction between synthetic Cry1Ac and cpIII

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<223> Portion of cpIII protein

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Arg Phe Glu Phe Ile Pro Val Thr Asn Ala Arg Gly Ser Cys Arg Ala  
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Ser Gly Ala Glu Thr Val Glu Ser Cys Leu  
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<213> Artificial Sequence

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<223> Protein sequence of WT-fUSE5 from Figure 1

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Val Lys Lys Leu Leu Phe Ala Ile Pro Leu Val Val Pro Phe Tyr Ser  
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His Ser Ala Asp Val Ala Met Gly Trp Ala Ala Ala Gly Ala Glu Thr  
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Val Glu Ser Cys Leu  
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<223> PelB leader sequence

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<222> (14)..(20)

<223> C-terminal sequence of Cry1Ac

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Asn Pro Asn Ile  
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Tyr Gln Gly Gln  
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